

Title (en)

Cylinder head for an internal combustion engine with a variable lift valve controlling device

Title (de)

Zylinderkopf für eine Hubkolben-Brennkraftmaschine mit einer hubvariablen Ventilsteuerung

Title (fr)

Culasse pour moteur à combustion interne avec commande de soupapes à levée variable

Publication

**EP 1288451 B1 20040218 (DE)**

Application

**EP 02014670 A 20020703**

Priority

DE 10139043 A 20010808

Abstract (en)

[origin: DE10139043A1] The cylinder head is for an engine with at least one gas exchange valve and a drive shaft (2) with at least one crank pin (3) linked by a connection (4) to a driven shaft (5) parallel to the drive shaft with a setting element (6, 6'). A rotation of the drive shaft about its axis (2a) is transformed into a turn of the driven shaft about its axis (5a). the valve stroke can be adjusted by turning the setting element round the driven axis.

IPC 1-7

**F01L 13/00**; F01L 1/26; F01L 1/10

IPC 8 full level

**F01L 1/10** (2006.01); **F01L 1/26** (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP)

**F01L 1/10** (2013.01); **F01L 1/267** (2013.01); **F01L 13/0005** (2013.01); **F01L 13/0015** (2013.01); **F01L 2305/00** (2020.05)

Cited by

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**EP 1288451 A1 20030305**; **EP 1288451 B1 20040218**; DE 10139043 A1 20030220; DE 50200248 D1 20040325

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